

# Automatic Voltage Regulating Relay

Quality | Accuracy | Reliability

**AVR H-101**



**AVR V-101**



## FEATURES

- Digital readout for PT Supply and Deadband Settings
- LED Indications for Raise Lower Presignals, Undervoltage and Control Relay operation conditions
- Continuously adjustable Time Delay Setting
- Automatic Resetting after Voltage Correction
- Single Pulse operation of Control Relays
- Undervoltage Internal Blocking
- Universal Power Supply
- Password Protected
- 4-20 mA O/P of P.T. Voltage for scada. (Optional)

## TECHNICAL SPECIFICATIONS

Auxiliary Supply	: 95-265V AC/DC, 10VA <b>OR</b> 110 / 230V AC $\pm 15\%$ 50Hz, 10 VA
PT Supply	: 110V AC 50Hz, 1.5 VA and readable on display
Low Voltage Setting (Raise Relay)	: Adjustable between 90V to 121V and readable on display
High Voltage Setting (Lower Relay)	: Adjustable between 95V to 140V and readable on display
Time Delay Setting	: Fixed (Voltage Independent) Time Delay continuously adjustable from 10 to 180 Secs
Time Delay Resetting	: Instantaneous resetting with voltage returning to deadband
P. T. Calibration	: P. T. Value Difference can be adjust from - 10.0V to + 10.0V

Undervoltage Blocking	: Internal blocking at 80V. Restoration at 85V
Control Relays	: One pair of normally open potential free contacts of rating 5A at 240V AC or 24V DC resistive load for each Lower, Raise and Undervoltage control relays
Control Operation	: Single Pulse operation with approx. 2 secs on time
Operating Temperature	: 0°C - 45°C
Overall Dimensions (H-101)	: 92mm X 192mm X 110mm (H X W X D)
Panel Cutout (H-101)	: 90mm X 184mm (H X W)
Weight (H-101)	: 1.5 Kgs. (approx.)
Overall Dimensions (V-101)	: 360mm X 135mm X 145mm (H X W X D)
Panel Cutout (V-101)	: 330mm X 135mm (H X W)
Weight (V-101)	: 2.0 Kgs. (approx.)

Product Specifications are subject to change without notice

Manufactured By :

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